

**INFORMATION  
DISCLOSURE STATEMENT**

(Use several sheets if necessary)

Applicant(s)

Angela J. Keeney, et al.

U. S. Serial Number

10/678,468

Filing Date

October 3, 2003

Confirmation Number

3346

Group Art Unit

1764

Attorney Docket Number

NLF-0323

Family Number

P2002J112 US2

**U. S. PATENT DOCUMENTS**

| Examiner<br>Initial * |         | Document Number |   |   |   |   |   |    | Date     | Name                    | Class | Sub-<br>Class | Filing<br>Date |
|-----------------------|---------|-----------------|---|---|---|---|---|----|----------|-------------------------|-------|---------------|----------------|
| AA                    | US2003/ | 01              | 0 | 0 | 4 | 5 | 3 | A1 | 5/29/03  | O'Rear                  | 508   | 110           |                |
| AB                    | US2003/ | 01              | 4 | 1 | 2 | 2 | 0 | A1 | 7/31/03  | O'Rear et al.           | 208   | 79            |                |
| AC                    | US2003/ | 02              | 2 | 6 | 7 | 8 | 5 | A1 | 12/11/03 | Murphy et al.           | 208   | 18            |                |
| AD                    | US2003/ | 02              | 3 | 6 | 1 | 7 | 7 | A1 | 12/25/03 | Wu et al.               | 508   | 465           |                |
| AE                    | US2004/ | 00              | 4 | 5 | 8 | 6 | 8 | A1 | 3/11/04  | Germaine                | 208   | 58            |                |
| AF                    | 2       | 8               | 1 | 7 | 6 | 9 | 3 |    | 12/25/57 | Koome et al.            |       |               |                |
| AG                    | 4       | 9               | 2 | 1 | 5 | 9 | 4 |    | 5/1/90   | Miller                  | 208   | 58            |                |
| AH                    | 4       | 5               | 9 | 4 | 1 | 7 | 2 |    | 6/10/86  | Sie                     | 252   | 55            |                |
| AI                    | 4       | 8               | 9 | 7 | 1 | 7 | 8 |    | 1/30/90  | Best et al.             | 208   | 111           |                |
| AJ                    | 4       | 9               | 4 | 3 | 6 | 7 | 2 |    | 7/24/90  | Hamner, deceased et al. | 585   | 737           |                |

**FOREIGN PATENT DOCUMENTS**

|    |    | Document Number |   |   |   |   |   |    | Publica-<br>tion Date | Country       | Class | Sub-<br>Class | Translation |    |
|----|----|-----------------|---|---|---|---|---|----|-----------------------|---------------|-------|---------------|-------------|----|
|    |    |                 |   |   |   |   |   |    |                       |               |       |               | Yes         | No |
| AK | EP | 04              | 6 | 4 | 5 | 4 | 6 | B1 | 19 Jul 95             | European      | C10G  | 45/64         |             |    |
| AL | EP | 04              | 6 | 4 | 5 | 4 | 7 | B1 | 9 Jan 92              | European      | C10G  | 65/12         |             |    |
| AM | GB | 13              | 5 | 0 | 2 | 5 | 7 |    | 18 Apr 74             | Great Britain | C10G  | 23/02         |             |    |

**OTHER DISCLOSURES** (Include Author, Title, Date, Pertinent Pages, Place of Publication, etc.)

|   |                 |
|---|-----------------|
| AN  |                 |
| Examiner  | Date Considered |
| <i>[Signature]</i>  | 27 Sept. 2006   |
| <p>* Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and NOT considered. Include copy of this form with next communication to applicant(s).</p> |                 |



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|  |  |                        |  |                |  |  |  |  |  |                          |  |                 |  |
|--|--|------------------------|--|----------------|--|--|--|--|--|--------------------------|--|-----------------|--|
| <b>INFORMATION<br/>DISCLOSURE STATEMENT</b><br><br>(Use several sheets if necessary) |  |                        |  |                |  |  |  |  |  | Applicant(s)             |  |                 |  |
|  |  |                        |  |                |  |  |  |  |  | Angela J. Keeney, et al. |  |                 |  |
|  |  |                        |  |                |  |  |  |  |  | U. S. Serial Number      |  | Filing Date     |  |
|  |  |                        |  |                |  |  |  |  |  | 10/678,468               |  | October 3, 2003 |  |
|  |  | Confirmation Number    |  | Group Art Unit |  |  |  |  |  |                          |  |                 |  |
|  |  | 3346                   |  | 1764           |  |  |  |  |  |                          |  |                 |  |
|  |  | Attorney Docket Number |  | Family Number  |  |  |  |  |  |                          |  |                 |  |
|  |  | NLF-0323               |  | P2002J112 US2  |  |  |  |  |  |                          |  |                 |  |

| U. S. PATENT DOCUMENTS |    |                 |   |   |   |   |   |      |          |                    |       |           |             |
|------------------------|----|-----------------|---|---|---|---|---|------|----------|--------------------|-------|-----------|-------------|
| Examiner Initial *     |    | Document Number |   |   |   |   |   |      | Date     | Name               | Class | Sub-Class | Filing Date |
| <i>gla</i>             | AO | 4               | 9 | 7 | 5 | 1 | 7 | 7    | 12/4/90  | Garwood et al.     | 208   | 27        |             |
| <i>gla</i>             | AP | 5               | 0 | 7 | 5 | 2 | 6 | 9    | 12/24/91 | Degnan et al.      | 502   | 77        |             |
| <i>gla</i>             | AQ | 6               | 0 | 5 | 9 | 9 | 5 | 5    | 5/9/00   | Cody et al.        | 208   | 18        |             |
| <i>gla</i>             | AR | 6               | 0 | 8 | 0 | 3 | 0 | 1    | 6/27/00  | Berlowitz et al.   | 208   | 18        |             |
| <i>gla</i>             | AS | 6               | 0 | 9 | 0 | 9 | 8 | 9    | 7/18/00  | Trewella et al.    | 585   | 13        |             |
| <i>gla</i>             | AT | 6               | 1 | 0 | 3 | 0 | 9 | 9    | 8/15/00  | Wittenbrink et al. | 208   | 27        |             |
| <i>gla</i>             | AU | 6               | 1 | 6 | 5 | 9 | 4 | 9    | 12/26/00 | Berlowitz et al.   | 598   | 363       |             |
| <i>gla</i>             | AV | 6               | 2 | 9 | 4 | 0 | 7 | 7 B1 | 9/25/01  | Dougherty et al.   | 208   | 27        |             |

| FOREIGN PATENT DOCUMENTS |    |                 |     |   |   |   |   |      |                  |               |       |           |                       |  |
|--------------------------|----|-----------------|-----|---|---|---|---|------|------------------|---------------|-------|-----------|-----------------------|--|
|                          |    | Document Number |     |   |   |   |   |      | Publication Date | Country       | Class | Sub-Class | Translation<br>Yes No |  |
| <i>gla</i>               | AW | GB              | 13  | 9 | 0 | 3 | 5 | 9    | 9 Apr 75         | Great Britain | C10G  | 13/08     |                       |  |
| <i>gla</i>               | AX | GB              | 14  | 2 | 9 | 4 | 9 | 4    | 24 Mar 76        | Great Britain | C10G  | 13/08     |                       |  |
| <i>gla</i>               | AY | GB              | 14  | 4 | 0 | 2 | 3 | 0    | 23 Jun 76        | Great Britain | C10G  | 34/00     |                       |  |
| <i>gla</i>               | AZ | WO              | 99/ | 4 | 1 | 3 | 3 | 4    | 19 Aug 99        | PCT           | C10G  | 71/00     |                       |  |
| <i>gla</i>               | AA | WO              | 02/ | 3 | 8 | 7 | 0 | 3 A1 | 16 May 02        | PCT           | C10G  | 47/02     |                       |  |

| OTHER DISCLOSURES (Include Author, Title, Date, Pertinent Pages, Place of Publication, etc.) |  |  |  |  |  |  |  |  |  |                                      |  |  |
|--|--|--|--|--|--|--|--|--|--|--------------------------------------|--|--|
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| Examiner <i>[Signature]</i>  |  |  |  |  |  |  |  |  |  | Date Considered <i>27 Sept. 2006</i> |  |  |

\* Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and NOT considered. Include copy of this form with next communication to applicant(s).



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|--|----|-----------------|-----|----|---|---|---|------|-----------------------|--------------------------------------|-------|---------------|-----------------------|--|--------------------------------|--|--|--|--|
| <b>INFORMATION<br/>DISCLOSURE STATEMENT</b><br><br>(Use several sheets if necessary)   |    |                 |     |    |   |   |   |      |                       | Applicant(s)                         |       |               |                       |  |                                |  |  |  |  |
|  |    |                 |     |    |   |   |   |      |                       | Angela J. Keeney, et al.             |       |               |                       |  |                                |  |  |  |  |
|  |    |                 |     |    |   |   |   |      |                       | U. S. Serial Number<br>10/678,468    |       |               |                       |  | Filing Date<br>October 3, 2003 |  |  |  |  |
|  |    |                 |     |    |   |   |   |      |                       | Confirmation Number<br>3346          |       |               |                       |  | Group Art Unit<br>1764         |  |  |  |  |
|  |    |                 |     |    |   |   |   |      |                       | Attorney Docket Number<br>NLF-0323   |       |               |                       |  | Family Number<br>P2002J112 US2 |  |  |  |  |
| <b>U. S. PATENT DOCUMENTS</b>  |    |                 |     |    |   |   |   |      |                       |                                      |       |               |                       |  |                                |  |  |  |  |
| Examiner<br>Initial *  |    | Document Number |     |    |   |   |   |      | Date                  | Name                                 | Class | Sub-<br>Class | Filing<br>Date        |  |                                |  |  |  |  |
| AC   |    | 6               | 3   | 9  | 8 | 9 | 4 | 6 B1 | 6/4/02                | O'Rear et al.                        | 208   | 64            |                       |  |                                |  |  |  |  |
| AD   |    | 6               | 4   | 6  | 8 | 4 | 1 | 8 B1 | 10/22/02              | Biscardi et al.                      | 208   | 299           |                       |  |                                |  |  |  |  |
| AE   |    | 6               | 5   | 0  | 6 | 2 | 9 | 7 B1 | 1/14/03               | Wittenbrink et al.                   | 208   | 18            |                       |  |                                |  |  |  |  |
| AF   |    | 6               | 5   | 1  | 8 | 4 | 7 | 3 B2 | 2/11/03               | Miller et al.                        | 585   | 517           |                       |  |                                |  |  |  |  |
| AG   |    | 6               | 5   | 7  | 9 | 4 | 4 | 1 B1 | 6/17/03               | Biscardi et al.                      | 208   | 18            |                       |  |                                |  |  |  |  |
| AH   |    | 6               | 6   | 0  | 5 | 2 | 0 | 6 B1 | 8/12/03               | Johnson et al.                       | 508   | 80            |                       |  |                                |  |  |  |  |
| AI   |    | 6               | 6   | 2  | 0 | 3 | 1 | 2 B1 | 9/16/03               | Murphy et al.                        | 208   | 58            |                       |  |                                |  |  |  |  |
| AJ   |    | 6               | 6   | 2  | 3 | 6 | 2 | 4 B2 | 9/23/03               | Cash et al.                          | 208   | 89            |                       |  |                                |  |  |  |  |
| <b>FOREIGN PATENT DOCUMENTS</b>  |    |                 |     |    |   |   |   |      |                       |                                      |       |               |                       |  |                                |  |  |  |  |
|  |    | Document Number |     |    |   |   |   |      | Publica-<br>tion Date | Country                              | Class | Sub-<br>Class | Translation<br>Yes No |  |                                |  |  |  |  |
| AK   |    | WO              | 02/ | 4  | 8 | 2 | 9 | 0 A1 | 20 Jun 02             | PCT                                  | C10G  | 65/04         |                       |  |                                |  |  |  |  |
| AL   |    | WO              | 02/ | 06 | 4 | 7 | 1 | 0 A2 | 22 Aug 02             | PCT                                  | C10M  | 101/02        |                       |  |                                |  |  |  |  |
| AM   |    | WO              | 02/ | 06 | 4 | 7 | 1 | 1 A1 | 22 Aug 02             | PCT                                  | C10M  | 169/04        |                       |  |                                |  |  |  |  |
| AN   |    | WO              | 02/ | 07 | 0 | 6 | 2 | 7 A2 | 22 Aug 02             | PCT                                  | C10G  | 65/00         |                       |  |                                |  |  |  |  |
| <b>OTHER DISCLOSURES</b> (Include Author, Title, Date, Pertinent Pages, Place of Publication, etc.)  |    |                 |     |    |   |   |   |      |                       |                                      |       |               |                       |  |                                |  |  |  |  |
|  | AO |                 |     |    |   |   |   |      |                       |                                      |       |               |                       |  |                                |  |  |  |  |
| Examiner <i>[Signature]</i>  |    |                 |     |    |   |   |   |      |                       | Date Considered <i>27 Sept. 2006</i> |       |               |                       |  |                                |  |  |  |  |
| * Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and NOT considered. Include copy of this form with next communication to applicant(s). |    |                 |     |    |   |   |   |      |                       |                                      |       |               |                       |  |                                |  |  |  |  |



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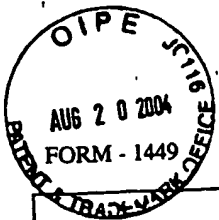
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|  |                    |                 |     |    |   |   |   |                  |                                      |                          |           |                       |  |  |
|--|--------------------|-----------------|-----|----|---|---|---|------------------|--------------------------------------|--------------------------|-----------|-----------------------|--|--|
| <b>INFORMATION<br/>DISCLOSURE STATEMENT</b><br><br>(Use several sheets if necessary)   |                    |                 |     |    |   |   |   |                  |                                      | Applicant(s)             |           |                       |  |  |
|  |                    |                 |     |    |   |   |   |                  |                                      | Angela J. Keeney, et al. |           |                       |  |  |
|  |                    |                 |     |    |   |   |   |                  |                                      | U. S. Serial Number      |           | Filing Date           |  |  |
|  |                    |                 |     |    |   |   |   |                  |                                      | 10/678,468               |           | October 3, 2003       |  |  |
| Confirmation Number  |                    | Group Art Unit  |     |    |   |   |   |                  |                                      |                          |           |                       |  |  |
| 3346   |                    | 1764            |     |    |   |   |   |                  |                                      |                          |           |                       |  |  |
| Attorney Docket Number   |                    | Family Number   |     |    |   |   |   |                  |                                      |                          |           |                       |  |  |
| NLF-0323   |                    | P2002J112 US2   |     |    |   |   |   |                  |                                      |                          |           |                       |  |  |
| <b>U. S. PATENT DOCUMENTS</b>  |                    |                 |     |    |   |   |   |                  |                                      |                          |           |                       |  |  |
| Examiner Initial *   |                    | Document Number |     |    |   |   |   | Date             | Name                                 | Class                    | Sub-Class | Filing Date           |  |  |
| <i>g</i>   | AP                 | 6               | 6   | 2  | 7 | 7 | 7 | 9 B2             | 9/30/03                              | O'Rear                   | 585       | 302                   |  |  |
| <i>g</i>   | AQ                 | 6               | 6   | 7  | 6 | 8 | 2 | 7 B2             | 1/13/04                              | Murphy et al.            | 208       | 18                    |  |  |
| <i>g</i>   | AR                 | 6               | 6   | 8  | 6 | 5 | 1 | 1 B2             | 2/3/04                               | Miller et al.            | 585       | 519                   |  |  |
| <i>g</i>   | AS                 | 6               | 7   | 0  | 2 | 9 | 3 | 7 B2             | 3/9/04                               | Johnson et al.           | 208       | 97                    |  |  |
| <i>g</i>   | AT                 | 6               | 7   | 0  | 6 | 9 | 3 | 6 B2             | 3/16/04                              | O'Rear et al.            | 585       | 330                   |  |  |
| <i>g</i>   | AU                 | 6               | 6   | 9  | 9 | 3 | 8 | 5 B2             | 3/2/04                               | Miller                   | 208       | 27                    |  |  |
|  | AV                 | 10/             | 6   | 7  | 8 | 4 | 5 | 7                | 10/3/03                              | Fyfe et al.              |           |                       |  |  |
|  | AW                 | 10/             | 6   | 7  | 8 | 4 | 6 | 8                | 10/03/03                             | Keeney et al.            |           |                       |  |  |
|  | AX                 | 10/             | 6   | 7  | 8 | 5 | 4 | 7                | 10/03/03                             | Carey et al.             |           |                       |  |  |
| <b>FOREIGN PATENT DOCUMENTS</b>  |                    |                 |     |    |   |   |   |                  |                                      |                          |           |                       |  |  |
|  |                    | Document Number |     |    |   |   |   | Publication Date | Country                              | Class                    | Sub-Class | Translation<br>Yes No |  |  |
| <i>g</i>   | AY                 | WO              | 02/ | 07 | 0 | 6 | 3 | 0 A1             | 12 Sep 02                            | PCT                      | C10G      | 65/12                 |  |  |
| <i>g</i>   | AZ                 | WO              | 02/ | 07 | 0 | 6 | 3 | 1 A2             | 12 Sep 02                            | PCT                      | C10G      | 65/16                 |  |  |
| <i>g</i>   | AA                 | WO              | 02/ | 07 | 0 | 6 | 3 | 6 A1             | 12 Sep 02                            | PCT                      | C10M      | 101/02                |  |  |
| <i>g</i>   | AB                 | WO              | 02/ | 4  | 6 | 3 | 3 | 3 A2             | 13 Jun 02                            | PCT                      | C10G      |                       |  |  |
| <b>OTHER DISCLOSURES</b> (Include Author, Title, Date, Pertinent Pages, Place of Publication, etc.)  |                    |                 |     |    |   |   |   |                  |                                      |                          |           |                       |  |  |
|  | AC                 |                 |     |    |   |   |   |                  |                                      |                          |           |                       |  |  |
| Examiner   | <i>[Signature]</i> |                 |     |    |   |   |   |                  | Date Considered <i>27 Sept. 2006</i> |                          |           |                       |  |  |
| * Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and NOT considered. Include copy of this form with next communication to applicant(s). |                    |                 |     |    |   |   |   |                  |                                      |                          |           |                       |  |  |



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SHEET 1 OF 6**INFORMATION  
DISCLOSURE STATEMENT**

(Use several sheets if necessary)

Applicant(s)

Angela J. Keeney, et al.

U. S. Serial Number

10/678,468

Filing Date

October 3, 2003

Confirmation Number

3346

Group Art Unit

1764

Attorney Docket Number

NLF-0323

Family Number

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**U.S. PATENT DOCUMENTS**

| *EXAMINER<br>INITIAL |    | DOCUMENT<br>NUMBER | DATE    | NAME          | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|----------------------|----|--------------------|---------|---------------|-------|----------|-------------------------------|
| <i>slu</i>           | AA | 2,250,410          | 7/22/41 | Van Peski     | 260   | 676      |                               |
| <i>slu</i>           | AB | 3,711,399          | 1/16/73 | Estes         | 208   | 112      |                               |
| <i>slu</i>           | AC | 4,097,364          | 6/27/78 | Egan          | 208   | 111      |                               |
| <i>slu</i>           | AD | 4,181,597          | 1/1/80  | Yan et al.    | 208   | 46       |                               |
| <i>slu</i>           | AE | 4,335,019          | 6/15/82 | Bowes et al.  | 252   | 450      |                               |
| <i>slu</i>           | AF | 4,377,469          | 3/22/83 | Shihabi       | 208   | 111      |                               |
| <i>slu</i>           | AG | 4,388,177          | 6/14/83 | Bowes et al.  | 208   | 111      |                               |
| <i>slu</i>           | AH | 4,402,866          | 9/6/83  | Shihabi       | 252   | 455      |                               |
| <i>slu</i>           | AI | 4,431,516          | 2/14/84 | Baird et al.  | 208   | 111      |                               |
| <i>slu</i>           | AJ | 4,431,517          | 2/14/84 | Nevitt et al. | 208   | 111      |                               |

**FOREIGN PATENT DOCUMENTS**

|            |    | DOCUMENT<br>NUMBER | PUBL.<br>DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION |    |
|------------|----|--------------------|---------------|---------|-------|----------|-------------|----|
|            |    |                    |               |         |       |          | YES         | NO |
| <i>slu</i> | AK | EP 0147873         | 09/03/88      | Europe  | C 07  | C1/04    |             |    |
| <i>slu</i> | AL | EP 0635557         | 25/01/95      | Europe  | C10G  | 65/00    |             |    |
| <i>slu</i> | AM | EP 0707057         | 17/04/96      | Europe  | C10G  | 45/58    |             |    |
| <i>slu</i> | AN | EP 0909304         | 26/09/01      | Europe  | C10G  | 65/08    |             |    |
| <i>slu</i> | AO | FR 2805542         | 31/08/01      | France  | C10G  | 69/02    | Abstract    |    |

OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)

|   |   |
|---|---|
| AP  |   |
| AQ  |   |
| EXAMINER<br><i>[Signature]</i>  | DATE CONSIDERED<br><i>27 Sept. 2006</i> |
| *EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next comment to applicant |   |

| <b>INFORMATION<br/>DISCLOSURE STATEMENT</b><br><br>(Use several sheets if necessary)  |    |                    |               | Applicant(s)<br><b>Angela J. Keeney, et al.</b> |       |                                       |                               |    |
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|   |    |                    |               | U. S. Serial Number<br><b>10/678,468</b>        |       | Filing Date<br><b>October 3, 2003</b> |                               |    |
|   |    |                    |               | Confirmation Number<br><b>3346</b>              |       | Group Art Unit<br><b>1764</b>         |                               |    |
|   |    |                    |               | Attorney Docket Number<br><b>NLF-0323</b>       |       | Family Number<br><b>P2002J112 US2</b> |                               |    |
| U.S. PATENT DOCUMENTS   |    |                    |               |   |       |                                       |                               |    |
| *EXAMINER<br>INITIAL  |    | DOCUMENT<br>NUMBER | DATE          | NAME  | CLASS | SUBCLASS                              | FILING DATE<br>IF APPROPRIATE |    |
| <i>GLE</i>  | AR | 4,431,519          | 2/14/84       | LaPierre et al.                                 | 208   | 111                                   |                               |    |
| <i>GLE</i>  | AS | 4,431,527          | 2/14/84       | Miller et al.                                   | 208   | 254                                   |                               |    |
| <i>GLE</i>  | AT | 4,436,614          | 3/13/84       | Olbrich et al.                                  | 208   | 89                                    |                               |    |
| <i>GLE</i>  | AU | 4,460,698          | 7/17/84       | Hensley, Jr. et al.                             | 502   | 66                                    |                               |    |
| <i>GLE</i>  | AV | 4,483,764          | 11/20/84      | Hensley, Jr. et al.                             | 208   | 111                                   |                               |    |
| <i>GLE</i>  | AW | 4,510,045          | 4/9/85        | Dessau  | 208   | 111                                   |                               |    |
| <i>GLE</i>  | AX | 4,568,449          | 2/4/86        | Angmorter et al.                                | 208   | 215                                   |                               |    |
| <i>GLE</i>  | AY | 4,594,146          | 6/10/86       | Chester et al.                                  | 208   | 111                                   |                               |    |
| <i>GLE</i>  | AZ | 4,684,756          | 8/4/87        | Derr, Jr. et al.                                | 585   | 330                                   |                               |    |
| <i>GLE</i>  | AA | 4,784,747          | 11/15/88      | Shihabi   | 208   | 111                                   |                               |    |
| FOREIGN PATENT DOCUMENTS  |    |                    |               |   |       |                                       |                               |    |
|   |    | DOCUMENT<br>NUMBER | PUBL.<br>DATE | COUNTRY   | CLASS | SUBCLASS                              | -TRANSLATION-                 |    |
|   |    |                    |               |   |       |                                       | YES                           | NO |
| <i>GLE</i>  | AB | FR 2805543         | 24/02/00      | France  | C10G  | 69/02                                 | Abstract                      |    |
| <i>GLE</i>  | AC | GB 2311789         | 08/10/97      | United Kingdom                                  | C10G  | 65/12                                 |                               |    |
| <i>GLE</i>  | AD | GB 2109402         | 02/06/83      | United Kingdom                                  | C10G  | 45/64                                 |                               |    |
| <i>GLE</i>  | AE | GB 1582789         | 14/01/81      | United Kingdom                                  | C10G  | 45/64                                 |                               |    |
| <i>GLE</i>  | AF | GB 772478          | 17/04/57      | United Kingdom                                  | C07c  |                                       |                               |    |
| OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)   |    |                    |               |   |       |                                       |                               |    |
| <div style="display: flex; justify-content: space-between;"> <div>           AG<br/><br/>           AH         </div> <div>           EXAMINER <i>[Signature]</i><br/>           DATE CONSIDERED <b>27 Sept. 2006</b> </div> </div> |    |                    |               |   |       |                                       |                               |    |
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| <b>INFORMATION<br/>DISCLOSURE STATEMENT</b><br><br>(Use several sheets if necessary)  |    |   |               | Applicant(s)<br><b>Angela J. Keeney, et al.</b> |       |                                       |                               |    |
|---|----|---|---------------|---|-------|---------------------------------------|-------------------------------|----|
|   |    |   |               | U. S. Serial Number<br><b>10/678,468</b>        |       | Filing Date<br><b>October 3, 2003</b> |                               |    |
|   |    |   |               | Confirmation Number<br><b>3346</b>              |       | Group Art Unit<br><b>1764</b>         |                               |    |
|   |    |   |               | Attorney Docket Number<br><b>NLF-0323</b>       |       | Family Number<br><b>P2002J112 US2</b> |                               |    |
| <b>U.S. PATENT DOCUMENTS</b>  |    |   |               |   |       |                                       |                               |    |
| *EXAMINER<br>INITIAL  |    | DOCUMENT<br>NUMBER                      | DATE          | NAME  | CLASS | SUBCLASS                              | FILING DATE<br>IF APPROPRIATE |    |
| <i>See</i>  | AI | 4,919,788                               | 4/24/90       | Chen et al.                                     | 208   | 59                                    |                               |    |
| <i>See</i>  | AJ | 5,017,535                               | 5/21/91       | Schoonhoven et al.                              | 502   | 30                                    |                               |    |
| <i>See</i>  | AK | 5,037,528                               | 8/6/91        | Garwood et al.                                  | 208   | 27                                    |                               |    |
| <i>See</i>  | AL | 5,059,299                               | 10/22/91      | Cody et al.                                     | 208   | 27                                    |                               |    |
| <i>See</i>  | AM | 5,146,022                               | 9/8/92        | Buchanan et al.                                 | 585   | 12                                    |                               |    |
| <i>See</i>  | AN | 5,208,403                               | 5/4/93        | Buchanan et al.                                 | 585   | 7                                     |                               |    |
| <i>See</i>  | AO | 5,232,579                               | 8/3/93        | Absil et al.                                    | 208   | 113                                   |                               |    |
| <i>See</i>  | AP | 5,275,719                               | 1/4/94        | Baker, Jr. et al.                               | 208   | 58                                    |                               |    |
| <i>See</i>  | AQ | 5,276,229                               | 1/4/94        | Buchanan et al.                                 | 585   | 255                                   |                               |    |
| <i>See</i>  | AR | 5,288,395                               | 2/22/94       | Marler et al.                                   | 208   | 58                                    |                               |    |
| <i>See</i>  | AS | 5,358,628                               | 10/25/94      | Apelian et al.                                  | 208   | 60                                    |                               |    |
| <b>FOREIGN PATENT DOCUMENTS</b>   |    |   |               |   |       |                                       |                               |    |
|   |    | DOCUMENT<br>NUMBER                      | PUBL.<br>DATE | COUNTRY   | CLASS | SUBCLASS                              | TRANSLATION                   |    |
|   |    |   |               |   |       |                                       | YES                           | NO |
| <i>See</i>  | AT | SU 1696391                              | 07/12/91      | USSR  | C10G  | 47/20                                 | Abstract                      |    |
| <i>See</i>  | AU | WO 01/64339                             | 07/09/01      | France  | C10G  | 45/64                                 | Abstract                      |    |
| <i>See</i>  | AV | EP 0776959                              | 04/06/97      | Europe  | C10G  | 65/04                                 |                               |    |
| <i>See</i>  | AW | WO 97/18278                             | 22/05/97      | USA   | C10G  | 47/00                                 |                               |    |
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| EXAMINER<br><i>[Signature]</i>  |    | DATE CONSIDERED<br><b>27 Sept. 2006</b> |               |   |       |                                       |                               |    |
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Applicant(s)

Angela J. Keeney, et al.

U. S. Serial Number

10/678,468

Filing Date

October 3, 2003

Confirmation Number

3346

Group Art Unit

1764

Attorney Docket Number

NLF-0323

Family Number

P2002J112 US2

**U.S. PATENT DOCUMENTS**

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|----------------------|--|--------------------|----------|------------------|-------|----------|-------------------------------|
| AY                   |  | 5,498,821          | 3/12/96  | Ryan et al.      | 585   | 750      |                               |
| AZ                   |  | 5,516,736          | 5/14/96  | Chang et al.     | 502   | 64       |                               |
| AA                   |  | 5,643,440          | 7/1/97   | Borghard et al.  | 208   | 58       |                               |
| AB                   |  | 5,689,031          | 11/18/97 | Berlowitz et al. | 585   | 734      |                               |
| AC                   |  | 5,730,858          | 3/24/98  | Olivier et al.   | 208   | 28       |                               |
| AD                   |  | 5,911,874          | 6/15/99  | Cody et al.      | 208   | 87       |                               |
| AD                   |  | 5,935,417          | 8/10/99  | Cody et al.      | 208   | 87       |                               |
| AF                   |  | 5,993,644          | 11/30/99 | Xiao et al.      | 208   | 89       |                               |
| AG                   |  | 6,013,171          | 1/11/00  | Cook et al.      | 208   | 27       |                               |
| AH                   |  | 6,051,129          | 4/18/00  | Harris et al.    | 208   | 138      |                               |

**FOREIGN PATENT DOCUMENTS**

|    |  | DOCUMENT<br>NUMBER | PUBL.<br>DATE | COUNTRY     | CLASS | SUBCLASS | TRANSLATION |    |
|----|--|--------------------|---------------|-------------|-------|----------|-------------|----|
|    |  |                    |               |             |       |          | YES         | NO |
| AI |  | WO 99/20720        | 29/04/99      | USA         | C10M  | 143/08   |             |    |
| AJ |  | WO 01/07538        | 01/02/01      | Netherlands | C10G  | 45/64    |             |    |
| AK |  | WO 01/18156        | 15/03/01      | France      | C10M  | 101/02   | Abstract    |    |
| AL |  | WO 02/88279        | 07/11/02      | USA         | C10G  | 73/38    |             |    |

**OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)**

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Angela J. Keeney, et al.

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| Confirmation Number<br><b>3346</b>        | Group Art Unit<br><b>1764</b>         |
| Attorney Docket Number<br><b>NLF-0323</b> | Family Number<br><b>P2002J112 US2</b> |

**U.S. PATENT DOCUMENTS**

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|----------------------|----|--------------------|----------|----------------|-------|----------|-------------------------------|
| <i>Allen</i>         | AO | 6,096,189          | 8/1/00   | Cody et al.    | 208   | 87       |                               |
| <i>Allen</i>         | AP | 6,179,994          | 1/30/01  | Clark et al.   | 208   | 27       |                               |
| <i>Allen</i>         | AQ | 6,190,532          | 2/20/01  | Degnan et al.  | 208   | 27       |                               |
| <i>Allen</i>         | AR | 6,231,749          | 5/15/01  | Degnan et al.  | 208   | 27       |                               |
| <i>Allen</i>         | AS | 6,264,826          | 7/24/01  | Xiao et al.    | 208   | 18       |                               |
| <i>Allen</i>         | AT | 6,310,265          | 10/30/01 | Chester et al. | 585   | 739      |                               |
| <i>Allen</i>         | AU | 6,322,692          | 11/27/01 | Cody et al.    | 208   | 18       |                               |
| <i>Allen</i>         | AV | 6,337,010          | 1/8/02   | Hofer          | 208   | 58       |                               |
| <i>Allen</i>         | AW | 2001/0004972       | 6/28/01  | Miller et al.  | 208   | 18       |                               |
| <i>Allen</i>         | AX | 2001/0006154       | 7/5/01   | Krug et al.    | 208   | 18       |                               |
| <i>Allen</i>         | AY | 2002/0003102       | 1/10/02  | O'Rear et al.  | 208   | 18       |                               |
| <i>Allen</i>         | AZ | 2003/0168379       | 9/11/02  | Degnan et al.  | 208   | 27       |                               |
|                      | AA |                    |          |                |       |          |                               |

**FOREIGN PATENT DOCUMENTS**

|              |    | DOCUMENT<br>NUMBER | PUBL.<br>DATE | COUNTRY     | CLASS | SUBCLASS | TRANSLATION |    |
|--------------|----|--------------------|---------------|-------------|-------|----------|-------------|----|
|              |    |                    |               |             |       |          | YES         | NO |
| <i>Allen</i> | AB | WO 02/99014        | 12/12/02      | Netherlands | C10G  | 65/04    |             |    |
| <i>Allen</i> | AC | WO 02/48291        | 20/06/02      | USA         | C10G  | 67/04    |             |    |

**OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)**

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| AD |  |
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Angela J. Keeney, et al.

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| Attorney Docket Number<br><b>NLF-0323</b> | Family Number<br><b>P2002J112 US2</b> |

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|----------------------|----|--------------------|----------|-------------------|-------|----------|-------------------------------|
| <i>AF</i>            | AF | 4,599,162          | 7/8/86   | Yen               | 208   | 59       |                               |
| <i>AG</i>            | AG | 4,601,993          | 7/22/86  | Chu et al.        | 502   | 66       |                               |
| <i>AH</i>            | AH | 4,636,299          | 1/13/87  | Unmuth et al.     | 208   | 87       |                               |
| <i>AI</i>            | AI | 4,810,357          | 3/7/89   | Chester et al.    | 208   | 78       |                               |
| <i>AJ</i>            | AJ | 4,992,159          | 2/12/91  | Cody et al.       | 208   | 89       |                               |
| <i>AK</i>            | AK | 5,158,671          | 10/27/92 | Cody et al.       | 208   | 264      |                               |
| <i>AL</i>            | AL | 5,246,566          | 9/21/93  | Miller            | 208   | 27       |                               |
| <i>AM</i>            | AM | 5,951,848          | 9/14/99  | Baker, Jr. et al. | 208   | 28       |                               |
| <i>AN</i>            | AN | 6,136,181          | 10/24/00 | Ziemer            | 208   | 144      |                               |
| <i>AO</i>            | AO | 6,420,618          | 7/16/02  | Berlowitz et al.  | 585   | 310      |                               |
| <i>AP</i>            | AP | 6,663,768          | 12/16/03 | Miller            | 208   | 27       |                               |

**FOREIGN PATENT DOCUMENTS**

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|--|----|--------------------|---------------|---------|-------|----------|-------------|----|
|  |    |                    |               |         |       |          | YES         | NO |
|  | AQ |                    |               |         |       |          |             |    |
|  | AR |                    |               |         |       |          |             |    |
|  | AS |                    |               |         |       |          |             |    |
|  | AT |                    |               |         |       |          |             |    |

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|--|----|-----------------|----|---|---|---|---|----|----------|---|---------|--|--|------|---------------------------------------|-----------|-----------------------|--|--|
| <b>INFORMATION<br/>DISCLOSURE STATEMENT</b><br><br>(Use several sheets if necessary)   |    |                 |    |   |   |   |   |    |          | Applicants<br><b>Angela J. Keeney et al</b> |         |  |  |      |                                       |           |                       |  |  |
|  |    |                 |    |   |   |   |   |    |          | U. S. Serial Number<br><b>10/678,468</b>    |         |  |  |      | Filing Date<br><b>October 3, 2003</b> |           |                       |  |  |
|  |    |                 |    |   |   |   |   |    |          | Confirmation Number<br><b>3346</b>          |         |  |  |      | Group Art Unit<br><b>1764</b>         |           |                       |  |  |
|  |    |                 |    |   |   |   |   |    |          | Attorney Docket Number<br><b>NLF-0323</b>   |         |  |  |      | Family Number<br><b>P2002J112 US2</b> |           |                       |  |  |
| <b>U. S. PATENT DOCUMENTS</b>  |    |                 |    |   |   |   |   |    |          |   |         |  |  |      |                                       |           |                       |  |  |
| Examiner Initial *   |    | Document Number |    |   |   |   |   |    |          | Date  | Name    |  |  |      | Class                                 | Sub-Class | Filing Date           |  |  |
|  | AA |                 |    |   |   |   |   |    |          |   |         |  |  |      |                                       |           |                       |  |  |
|  | AB |                 |    |   |   |   |   |    |          |   |         |  |  |      |                                       |           |                       |  |  |
|  | AC |                 |    |   |   |   |   |    |          |   |         |  |  |      |                                       |           |                       |  |  |
|  | AD |                 |    |   |   |   |   |    |          |   |         |  |  |      |                                       |           |                       |  |  |
|  | AE |                 |    |   |   |   |   |    |          |   |         |  |  |      |                                       |           |                       |  |  |
|  | AF |                 |    |   |   |   |   |    |          |   |         |  |  |      |                                       |           |                       |  |  |
|  | AG |                 |    |   |   |   |   |    |          |   |         |  |  |      |                                       |           |                       |  |  |
|  | AH |                 |    |   |   |   |   |    |          |   |         |  |  |      |                                       |           |                       |  |  |
|  | AI |                 |    |   |   |   |   |    |          |   |         |  |  |      |                                       |           |                       |  |  |
| <b>FOREIGN PATENT DOCUMENTS</b>  |    |                 |    |   |   |   |   |    |          |   |         |  |  |      |                                       |           |                       |  |  |
|  |    | Document Number |    |   |   |   |   |    |          | Publication Date                            | Country |  |  |      | Class                                 | Sub-Class | Translation<br>Yes No |  |  |
|  | AJ | WO              | 00 | / | 1 | 4 | 1 | 87 | 16.03.00 | PCT   |         |  |  | C10M |                                       |           |                       |  |  |
|  | AK | WO              | 99 | / | 4 | 1 | 3 | 35 | 19.08.99 | PCT   |         |  |  | C10G | 71/00                                 |           |                       |  |  |
|  | AL | WO              | 00 | / | 1 | 4 | 1 | 83 | 16.03.00 | PCT   |         |  |  | C10G | 45/58                                 |           |                       |  |  |
|  | AM |                 |    |   |   |   |   |    |          |   |         |  |  |      |                                       |           |                       |  |  |
| <b>OTHER DISCLOSURES</b> (Include Author, Title, Date, Pertinent Pages, Place of Publication, etc.)  |    |                 |    |   |   |   |   |    |          |   |         |  |  |      |                                       |           |                       |  |  |
|  | AN |                 |    |   |   |   |   |    |          |   |         |  |  |      |                                       |           |                       |  |  |
|  | AO |                 |    |   |   |   |   |    |          |   |         |  |  |      |                                       |           |                       |  |  |
| Examiner <i>[Signature]</i>  |    |                 |    |   |   |   |   |    |          | Date Considered <i>27 Sept. 2006</i>        |         |  |  |      |                                       |           |                       |  |  |
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